

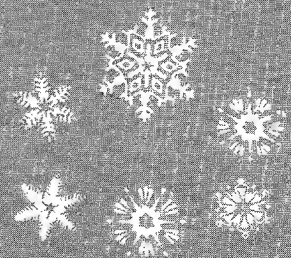
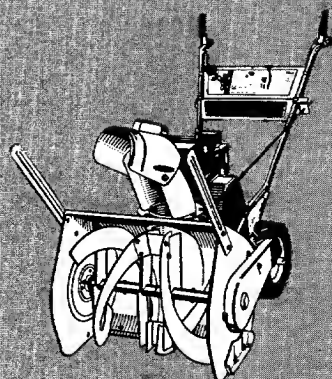
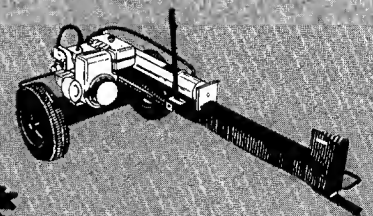
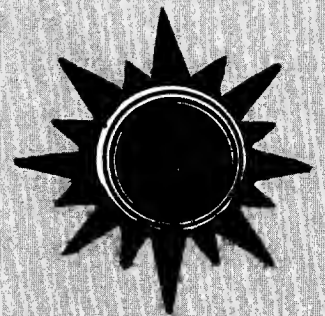
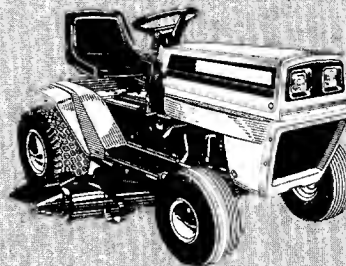
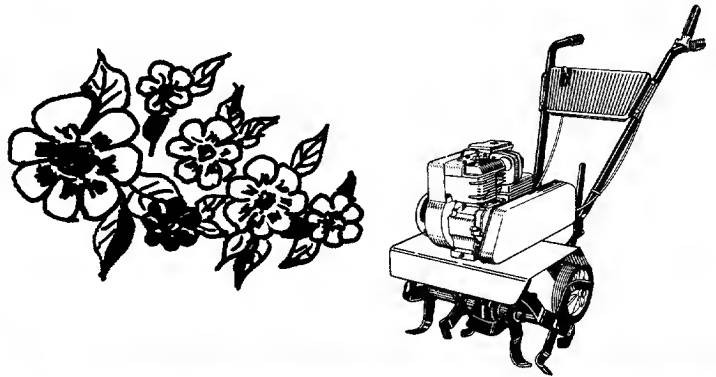
# OWNER'S MANUAL

## 22" HI-WHEEL ROTARY MOWER

Model Number  
112-530A

**Important:**  
**Read Safety Rules and**  
**Instructions Carefully**

Thank you for purchasing an  
American built product.



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## LIMITED WARRANTY

For one year from the date of original retail purchase, MTD PRODUCTS INC will either repair or replace, at its option, free of charge, F.O.B. factory or authorized service firm, any part or parts found to be defective in material or workmanship. Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. Transportation charges for any parts submitted for replacement under this warranty must be paid by the purchaser unless such return is requested by MTD PRODUCTS INC.

This warranty will not apply to any part which has become inoperative due to misuse, excessive use, accident, neglect, improper maintenance, alterations, or unless the unit has been operated and maintained in accordance with the instructions furnished. This warranty does not apply to the engine, motor, battery, battery charger or component parts thereof. Please refer to the applicable manufacturer's warranty on these items.

This warranty will not apply where the unit has been used commercially.

Warranty service is available through your local authorized service dealer or distributor. If you do not know the dealer or distributor in your area, please write to the Customer Service Department of MTD.

The return of a complete unit will not be accepted by the factory unless prior written permission has been extended by MTD.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.



**WARNING**

### TO PURCHASERS OF INTERNAL COMBUSTION ENGINE EQUIPPED MACHINERY OR DEVICES IN THE STATE OF CALIFORNIA

The equipment which you have just purchased does not have a spark arrester. If this equipment is used on any forest covered land, brush covered land, or grass covered unimproved land in the State of California, before using on such land, the California law requires that a spark arrester be provided. In addition, spark arrester is required by law to be in effective working order. The spark arrester must be attached to the exhaust system and comply with Section 4442 of the California Public Resources Code.



## WARNING

To reduce the potential for any injury, comply with the following safety instructions. Failure to comply with the instructions may result in personal injury.

# SAFE OPERATION PRACTICES FOR WALK-BEHIND MOWERS

## TRAINING

1. It is suggested that this manual be read in its entirety before attempting to assemble or operate this unit. Keep this manual in a safe place for future reference and for ordering replacement parts.
2. Your rotary mower is a precision piece of power equipment, not a plaything. Therefore, exercise extreme caution at all times.
3. Read this Owner's Manual carefully. Be thoroughly familiar with the controls and the proper use of the equipment.
4. Never allow children to operate a power mower. Only persons well acquainted with these rules of safe operation should be allowed to use your mower.
5. Keep the area of operation clear of all persons, particularly small children and pets. Stop engine when they are in the vicinity of your mower. Although the area of operation should be completely cleared of foreign objects, a small object may have been overlooked and could be accidentally thrown by the mower in any direction and cause injury.

## PREPARATION

1. Thoroughly inspect the area where the equipment is to be used. Remove all stones, sticks, wire, bones and other foreign objects which could be picked up and thrown by the mower in any direction and cause injury.
2. Do not operate equipment when barefoot or wearing open sandals. Always wear substantial footwear.
3. Do not wear loose fitting clothing that could get caught on the mower.
4. Check the fuel before starting the engine. Gasoline is an extremely flammable fuel. Do not fill the gasoline tank indoors, while the engine is running, or while the engine is still hot. Wipe off any spilled gasoline before starting the engine as it may cause a fire or explosion.
5. Disengage the self-propelled mechanism or drive clutch on units so equipped before starting the engine.
6. Never attempt to make a wheel or cutting height adjustment while the engine is running.
7. Mow only in daylight or in good artificial light.
8. Never operate the equipment in wet grass. Always be sure of your footing. Keep a firm hold on the handle and walk, never run.

## OPERATION

1. Do not change the engine governor settings or overspeed the engine. Excessive engine speeds are dangerous.
2. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times as the rotating blade can cause injury.
3. Stop the blade when crossing gravel drives, walks or roads.

4. After striking a foreign object, stop the engine, remove the wire from the spark plug, and thoroughly inspect the mower for any damage. Repair the damage before restarting and operating the mower.
5. If the equipment should start to vibrate abnormally, stop the engine and check immediately for the cause. Vibration is generally a warning of trouble.
6. Stop the engine whenever you leave the mower, before cleaning the mower housing, and when making any repairs or inspections.
7. When cleaning, repairing or inspecting, make certain the blade and all moving parts have stopped. Disconnect the spark plug wire, and keep the wire away from the plug to prevent accidental starting.
8. Before attempting to unclog the mower or discharge chute, stop the engine and be sure the blade has stopped completely. The cutting blade continues to rotate for a few seconds after the engine is shut off. Never place any part of the body in the blade area until you are sure the blade has stopped rotating. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
9. Do not run the engine indoors.
10. Shut the engine off and wait until the blade comes to a complete stop before removing the grass catcher or unclogging chute.
11. Mow across the face of slopes, never up-and-down. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes.
12. Always disconnect electric mowers (line operated) before cleaning, repairing or adjusting.
13. Never operate mower without proper guards, plates or other safety protective devices in place.
14. Keep washout ports and other mower-housing service openings closed when mowing.

## MAINTENANCE AND STORAGE

1. Check the blade and engine mounting bolts at frequent intervals for proper tightness.
2. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
3. Never store the equipment with gasoline in the tank inside of a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure.
4. To reduce fire hazard, keep the engine free of grass, leaves, or excessive grease.
5. Check the grass catcher bag frequently for wear or deterioration. For safety protection, replace only with new bag meeting original equipment specifications.

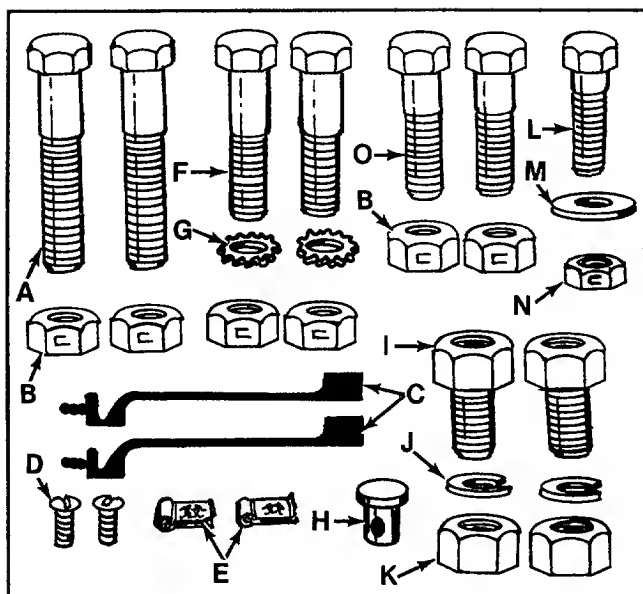


FIGURE 1.

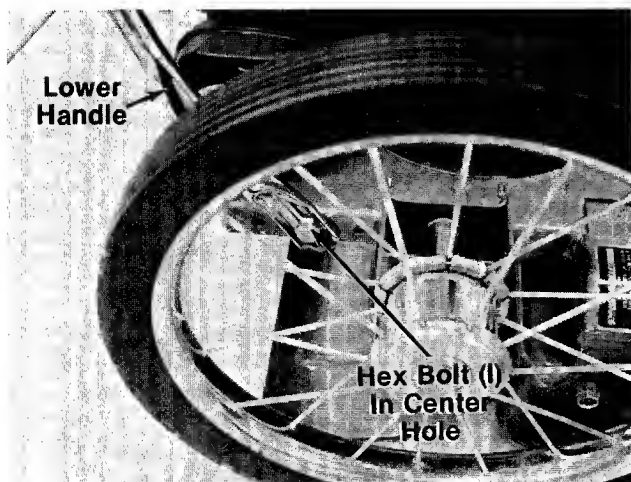


FIGURE 2.

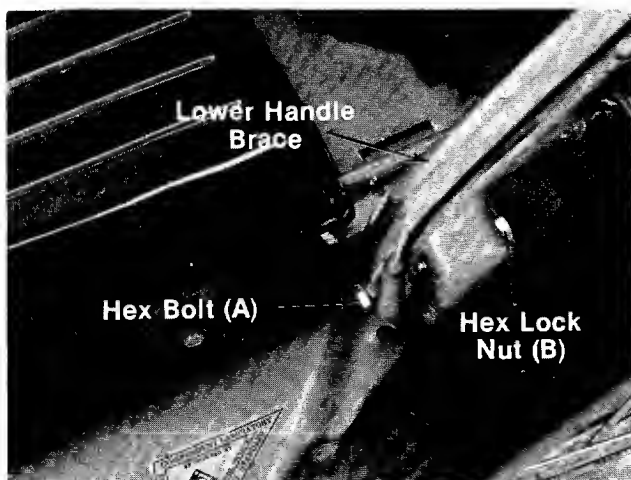


FIGURE 3.

## ASSEMBLY INSTRUCTIONS



### NOTE

This unit is shipped WITHOUT GASOLINE or OIL. After assembly, see operating section of this manual for proper fuel and engine oil recommendations.

### Loose Parts in Carton:

- (1) Lower Handle
- (1) Lower Handle Support—Left Hand
- (1) Lower Handle Support—Right Hand
- (1) Upper Handle Assembly
- (1) Hardware Pack
- (1) Control Rod

### ← Contents of Hardware Pack: (See Figure 1)

- A (2) Hex Bolts 1/4-20 x 2.50" Long
- B (6) Hex Center Lock Nuts 1/4-20 Thread
- C (2) Cable Ties
- D (2) Truss Machine Screws #10-24 x .38" Long
- E (2) Speed Nuts #10-24
- F (2) Hex Bolts 1/4-20 x 1.50" Long
- G (2) External Lock Washers
- H (1) Ferrule
- I (2) Hex Bolts 3/8-16 x .62" Long
- J (2) Lock Washers 3/8" I.D.
- K (2) Hex Nuts 3/8-16 Thread
- L (1) Hex Bolt 1/4-28 x .75" Long
- M (1) Flat Washer .510 I.D. x .750 O.D.
- N (1) Hex Center Lock Nut 1/4-28 Thread
- O (2) Hex Bolt 1/4-20 x 1.25" Long
- P (1) Lockout Lever Assembly (Not Shown)
- Q (2) Hand Grips (Not Shown)

Remove the lawn mower, loose parts, hardware pack and literature from the carton. Make certain all parts and literature have been removed before the carton is discarded.

Extend throttle control assembly which is attached to the rear of the mower and place on the floor. Be careful not to bend or kink control wire.

### HANDLE ASSEMBLY

1. Assemble lower handle to frame assembly by lining up hole in lower handle with center hole in frame assembly. See figure 2. Secure using hex bolts (I), lock washers (J) and hex nuts (K) on the inside of frame. Two 9/16" wrenches are required.

2. Fasten bottom of left and right hand lower handle supports to frame using hex bolts (A) and hex lock nuts (B). See figure 3.

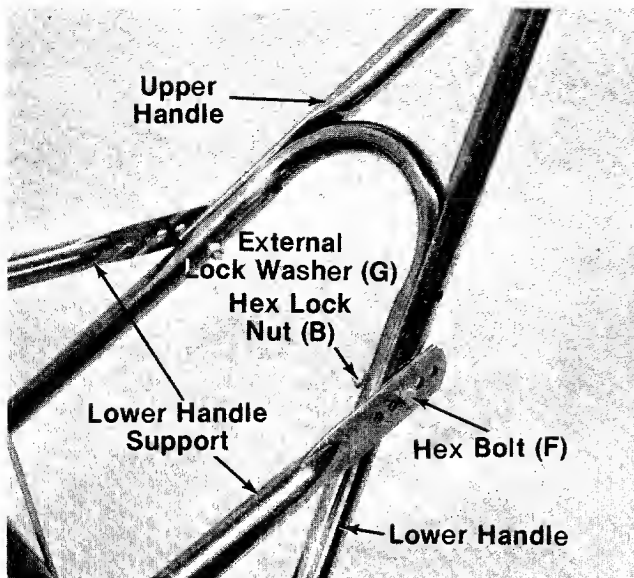


FIGURE 4.

3. Hold upper handle assembly in position over lower handle. Select one of five holes in lower handle support. Fasten lower handle support to upper and lower handle using hex bolt (F), external lock washer (G) and hex lock nut (B).  
 ← Do not tighten. See figure 4.

**NOTE**

The five holes in the lower handle support allow handle height adjustment. See adjustment section.

**NOTE**

Figure 4 is shown with the handle panel removed for clarity only. It is **not** necessary to remove the handle panel when assembling the handle.

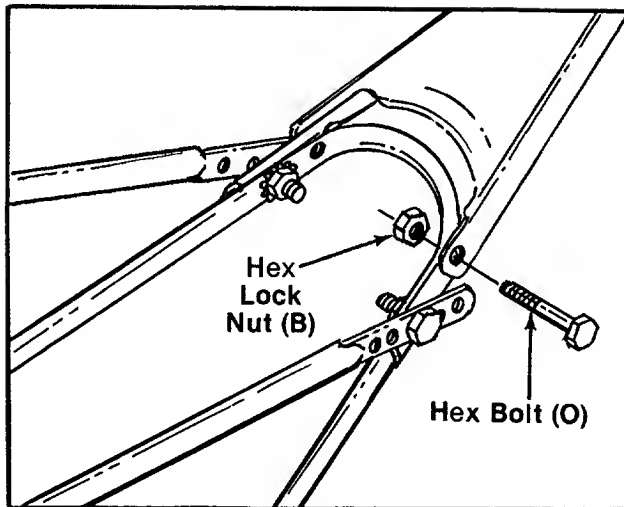


FIGURE 5.

4. Secure handle panel, upper handle and lower handle with hex bolts (O) and hex lock nuts (B) as shown in figure 5.
5. Tighten securely all nuts and bolts used in handle assembly.
6. Slip hand grips onto the ends of the upper handle. They will slip on more easily if you first soak them in warm, soapy water.

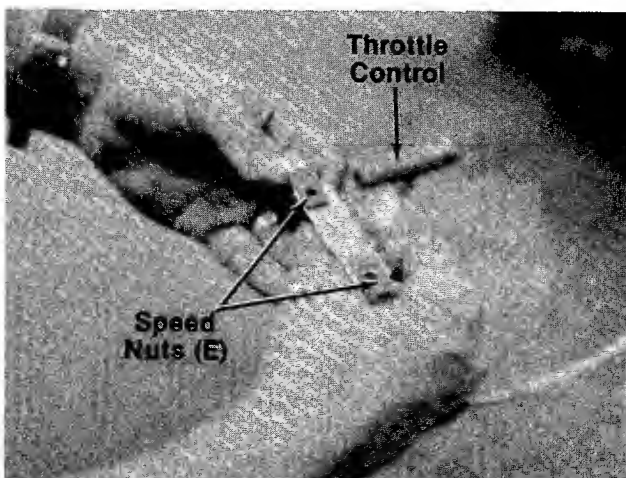
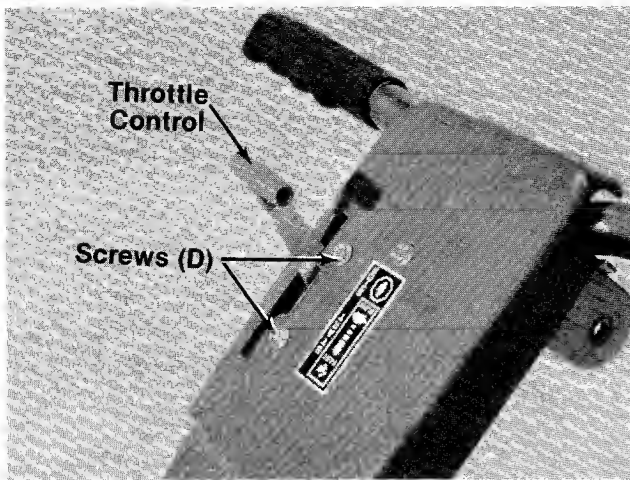


FIGURE 6.

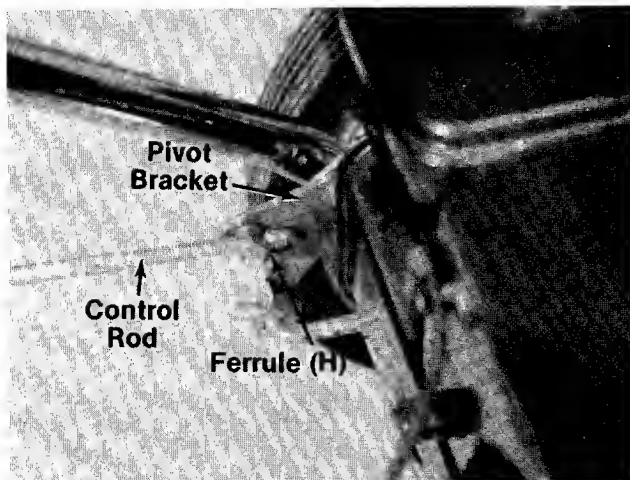
**THROTTLE CONTROL INSTALLATION**

1. Slide speed nuts (E), flat side up, onto the  
 ← throttle control assembly. See figure 6.



**FIGURE 7.**

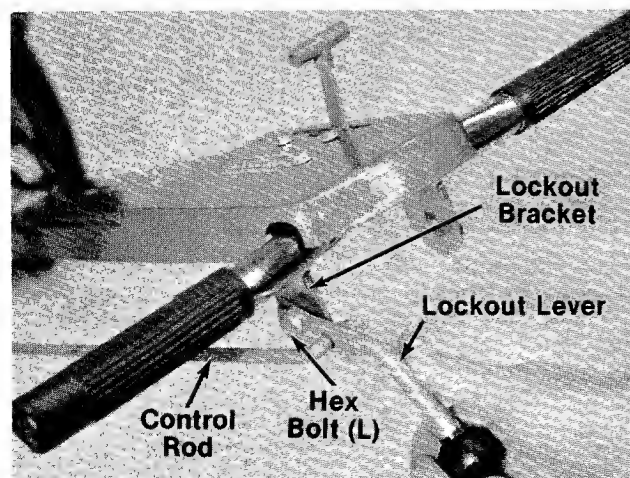
2. Place throttle control up through slot provided in handle panel. Secure with two screws (D). See figure 7.
3. Secure throttle control wire to handle using cable ties (C).



**FIGURE 8.**

#### **CONTROL ROD INSTALLATION**

1. Pull pivot bracket up as far as it will go. See figure 8. Place ferrule (H) through hole in pivot bracket. Thread control rod into ferrule approximately one-half inch.



**FIGURE 9.**

2. Hook control rod into hole provided in lockout lever assembly (O). Hold lockout lever in a raised position as shown in figure 9. Thread control rod in or out of ferrule as necessary until hole in lockout lever lines up with hole in lockout bracket. See figure 9.
3. When correct adjustment is reached, secure lever to bracket using hex bolt (L), flat washer (M) and hex lock nut (N).

#### **NOTE**

Check control rod adjustment. A slight pressure should be needed to operate lockout lever. Too much pressure can break lever assembly or control rod. Readjust control rod if pressure is too great.



# OPERATION



Keep hands and feet away from the chute area on cutting deck.



## NOTE

For shipping purposes your mower is set with the wheels in a low cutting height position. For best results, raise the cutting position until it is determined which height is best for your lawn. See adjustment section.

## BEFORE STARTING ENGINE

1. Before starting engine, lubricate the blade spindle assembly. Refer to lubrication section.
2. Check lockout control lever for proper operation. If too great a pressure is needed to operate this control, damage can be done to the mechanism and the rod. Readjust so only slight pressure is needed to operate the blade engaging control. See control rod installation section of assembly instructions.
3. Fill sump with oil using a high quality detergent oil classified "For Service SC, SD, SE or MS." Nothing should be added to the recommended oil.

Use SAE 30 oil. If not available, use SAE 10W-30 oil.

Place the engine level. Remove oil filler plug. See figure 10. FILL THE OIL SUMP TO POINT OF OVERFLOWING. Pour slowly. Capacity 1 $\frac{3}{4}$  pints.



FIGURE 10.

4. Fill fuel tank using clean, fresh **regular** grade automotive gasoline. Fill tank completely!  
DO NOT MIX OIL WITH GASOLINE.

## TO START ENGINE

1. Move lockout lever to "OFF" position. See figure 11.
2. Move throttle control lever to "CHOKE" position. See figure 11.

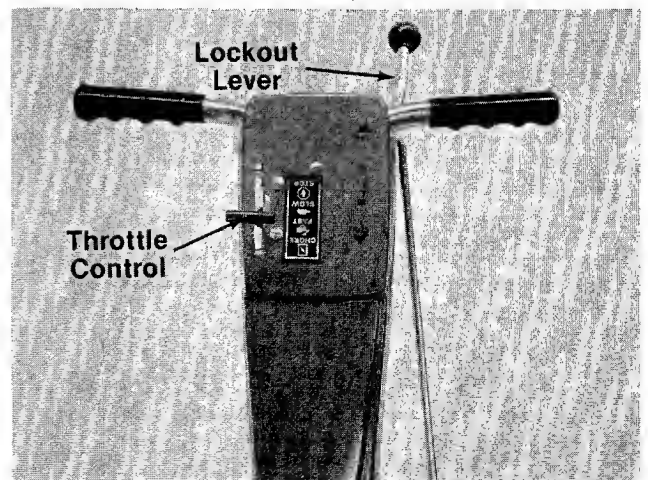


FIGURE 11.

3. Crank engine. Move throttle control to "FAST" position as soon as engine fires. Use choke as needed to keep engine running during warm up period.

4. Put blade into motion by moving lockout lever to "ON" position.

To engage the blade with the engine running...

- a. Move the throttle control lever to "FAST" position.
- b. Engage the blade engagement handle (lockout lever) SLOWLY.
- c. Adjust engine speed.

## TO STOP

1. The blade is stopped by moving the lockout lever to the "OFF" position.
2. The engine is stopped by moving the throttle control lever to "STOP" position.
3. Disconnect the spark plug wire and ground against the engine to prevent accidental starting while equipment is unattended.

A brief break-in period is essential to insure maximum engine and mower life. This consists of running the engine at half speed for a period of time required to use one tank of gasoline. It is also recommended to change crankcase oil after the first five hours of operation or as operating conditions dictate. Always check oil before operating the mower. **BE SURE CRANKCASE IS FULL.**

Proper lubrication must be maintained at all times.

Appropriate clothing should be worn when cutting brush or heavy weeds. Safety shoes and safety glasses are highly recommended.

Be sure that lawn is clear of stones, sticks, wire, or other objects which could damage lawn mower or engine. For best results and to insure more even grass distribution, do not mow when lawn is excessively wet.



## IMPORTANT

If you strike a foreign object, stop the engine. Remove wire from spark plug, thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower.

## USING YOUR ROTARY MOWER

For best results, do not cut wet grass because it tends to stick to the underside of the mower, preventing proper discharge of grass clippings. If wet grass must be cut, reduce walking speed to help distribute the clippings more effectively.

New grass, thick grass or wet grass may require a narrower cut. Blade speeds should be adjusted to the condition of the lawn.

The best mowing pattern is one that allows the clippings to discharge towards the uncut part of the lawn. This permits recutting of the clippings to further pulverize them. When cutting high weeds, discharge towards cut portion then recut at right angles to first direction.

For best results, cut off one-third or less of the total length of the grass. Lawn should be cut in the fall as long as there is growth.

## ADJUSTMENTS



### CAUTION

Do not at any time make any adjustment to lawn mower without first stopping engine and disconnecting spark plug wire.

### CONTROL ROD ADJUSTMENT

To adjust the control rod, remove the lockout lever from the lockout bracket. Then refer to Control Rod Installation on page 6.

### HANDLE ADJUSTMENT

The handle may be adjusted to five different positions. To adjust, remove the nut and bolt on the lower handle support. Reassemble in desired hole. See figure 12. When the handle height is changed, it is necessary to readjust the control rod.

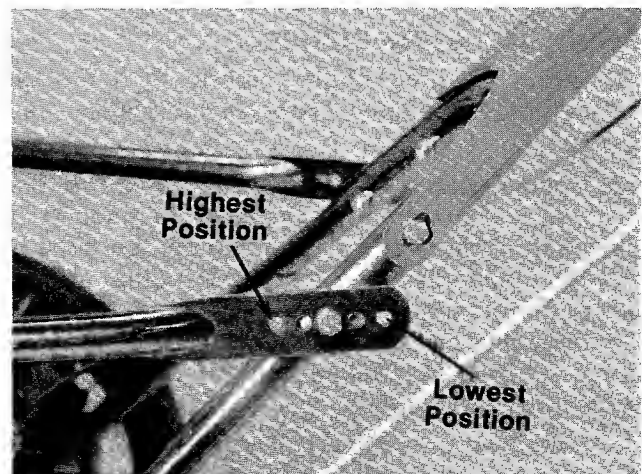
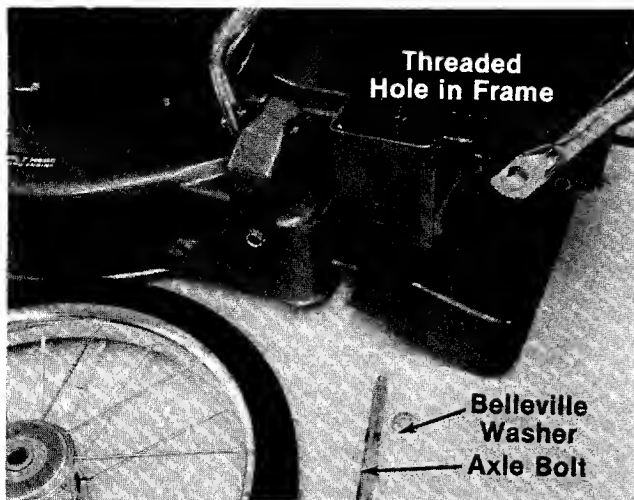


FIGURE 12.



## CUTTING HEIGHT

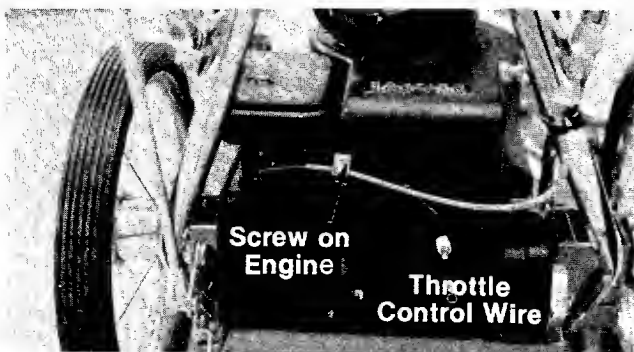
The mower can be adjusted to four different cutting heights. Cutting height adjustment is made by removing and moving axle bolts to the desired positions. All axle bolts must be mounted in the same relative position to the deck. When wheels are mounted to the deck, the **belleville washers must be assembled with the cupped side towards the deck**. This is necessary to prevent the axle bolts from loosening. When assembling the rear wheel, belleville washers are placed against the threaded hole in the frame. See figure 13.



**FIGURE 13.**  
**THROTTLE**

If adjustment becomes necessary, the throttle control wire assembly can be reset as follows:

1. Loosen, but do not remove, screw securing throttle control wire assembly at engine. See figure 14.
2. Move throttle control lever on handle to "CHOKE" position.
3. Move lever, to which control wire is fastened at engine, to full open position. Retighten screw to secure throttle control wire assembly.



**FIGURE 14.**



If any adjustments are made to the engine while the engine is running (e.g. carburetor), disengage all clutches and blades. Keep clear of all moving parts and be careful of heated surfaces and muffler.

## CARBURETOR ADJUSTMENTS (See Figure 15)

Minor carburetor adjustment may be required to compensate for differences in fuel, temperature, altitude and load.

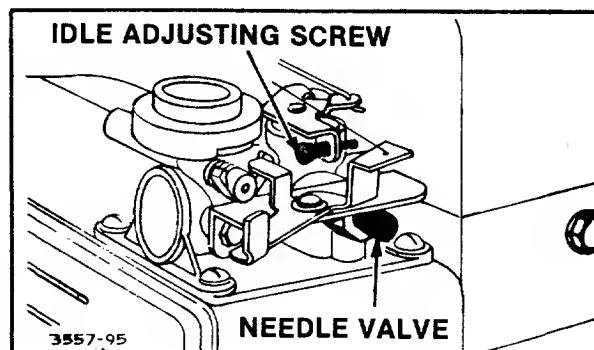
### Initial Adjustment:

Turn needle valve clockwise to close it. Then open 2 turns. This initial adjustment will permit the engine to be started and warmed up before making final adjustment.

### Final Adjustment:

With engine running at normal operating speed (approximately 3000 RPM without load), turn needle valve clockwise until engine starts to lose speed (lean mixture). Then slowly turn needle valve counterclockwise past the point of smoothest operation, until engine just begins to run unevenly. This mixture will give best performance under load.

To check adjustment, move engine control from SLOW to FAST speed. If engine tends to stall or die out, it usually indicates that the mixture is slightly lean. It may be necessary to open the needle valve slightly to provide a richer mixture. This richer mixture may cause a slight unevenness in idling.



**FIGURE 15.**

# LUBRICATION



## IMPORTANT

Always stop engine and disconnect spark plug wire before cleaning, lubricating or doing any kind of work on lawn mower.

**Wheels**—Unit is provided with ball bearing wheels. Lubricate at least once a season with light oil. To lubricate the rear wheels, remove the oil caps and add several drops of oil. See figure 16.

Also, if the wheels are removed for any reason, lubricate the surface of the axle bolt and the inner surface of the wheel with light oil. A 4 oz. plastic bottle of light oil lubricant is available. Order part number 737-0170. Engine oil may also be used.

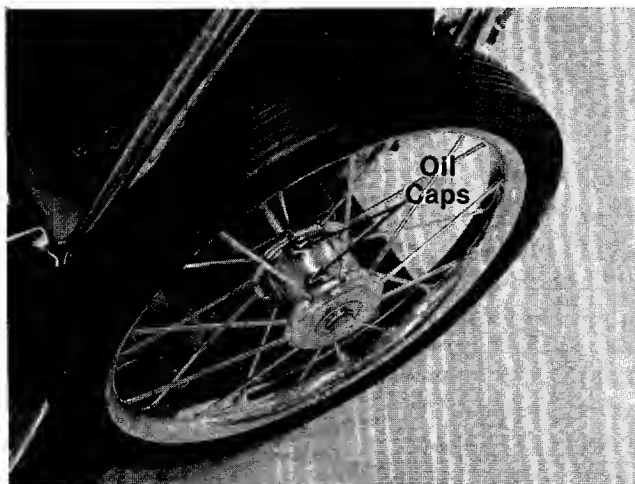


FIGURE 16.

**Protective Shield**—The pivot points on the protective shield should be lubricated periodically with light oil to prevent any rust or binding.

**Chute Deflector**—The torsion spring and pivot point should be lubricated periodically with light oil to prevent any rust or binding. Deflector must work freely.

**Engine**—Follow engine manual for lubrication instructions. Check oil level before each use.

**Throttle**—Periodically lubricate throttle control lever and throttle wire assembly with a few drops of light oil for ease of operation.

Friction point between idler bracket assembly (Ref. No. 9 on page 15) and deck should be greased once each season with a multi-purpose grease.

**Blade Spindle Assembly**—The blade spindle assembly is equipped with a grease fitting. Use grass discharge chute for access to the fitting located under the deck. Use multi-purpose grease. Lubricate PRIOR to initial use and every 25 hours thereafter.

# MAINTENANCE

## CUTTING BLADE

### A. Removal for Sharpening or Replacement



## WARNING

Be sure to disconnect and ground the spark plug wire before working on the cutting blade to prevent accidental engine starting.

1. Remove the large bolt and lock washer which holds the blade and adapter to the blade spindle.
2. Remove the blade and adapter from the spindle. Be careful not to lose the key on the spindle.
3. If the blade or blade adapter needs replacing, remove the two small bolts, lock washers and nuts which hold the blade to the adapter.

### B. Sharpening

Remove the cutting blade by following the directions of the preceding section.

When sharpening the blade, follow the original angle of grind as a guide. It is **extremely important** that each cutting edge receives an equal amount of grinding to prevent an unbalanced blade. An unbalanced blade will cause excessive vibration when rotating at high speeds, may cause damage to the mower and could break, causing injury.

The blade can be tested for balance by balancing it on a round shaft screwdriver. Remove metal from the heavy side until it balances evenly.



## NOTE

It is recommended that the blade always be removed from the adapter for the best test of balance.

### C. Reassembly

Before reassembling the blade and the blade adapter to the unit, lubricate the spindle and the inner surface of the blade adapter with light oil. Lubricating the bolt holes, bolts and inner surface of the nuts with light oil is also recommended. A 4 oz. plastic bottle of light oil lubricant is available. Order part number 737-0170. Engine oil may also be used.

When replacing the blade, be sure to install the blade with the side of the blade marked "Bottom" (or with part number) facing the ground when the mower is in the operating position. Make certain key is in place on the blade spindle.

### Blade Mounting Torque

3/8" Dia. Bolt 375 in. lb. min., 450 in. lb. max.

5/16" Dia. Bolt 150 in. lb. min., 250 in. lb. max.

To insure safe operation of your unit, ALL nuts and bolts must be checked periodically for correct tightness.

### DECK

The underside of mower deck should be cleaned after each period of use as grass clippings, leaves, dirt and other matter will accumulate. This accumulation of grass clippings, etc., is undesirable as it will invite rust and corrosion and may cause an uneven discharge of grass clippings at the next cutting.

The deck may be cleaned by tilting the mower forward or on its side and scraping clean with a suitable tool or by washing with a stream of water from a garden hose.



### CAUTION

Do not direct the stream of water at a hot engine as damage to the engine may result.

### ENGINE OIL

Check oil level before starting engine and after every 5 hours of operation or each period of use. Add oil as necessary to keep level FULL TO POINT OF OVERFLOWING. Before removing oil fill plug, clean area around plug to prevent dirt from entering oil fill hole. Engine should be in a level position when checking oil.

Change oil after first 5 hours of operation. Thereafter change every 25 hours. Change oil while engine is warm. Oil may be drained from oil drain by tipping unit on its side. See figure 10. Oil capacity 1 3/4 pints.

### AIR CLEANER

Clean air cleaner and re-oil element every 25 hours under normal conditions. Clean every few hours under extremely dusty conditions. Poor engine performance and flooding usually indicates that the air cleaner should be serviced. See figure 17.

To service air cleaner:

1. Remove screw.
2. Remove air cleaner carefully to prevent dirt from entering carburetor.
3. Take air cleaner apart and clean.
  - a. WASH foam element in kerosene or a liquid detergent and water to remove dirt.
  - b. DRY foam completely by wrapping and squeezing in a cloth.
  - c. SOAK foam with engine oil. Squeeze to distribute and remove excess oil.
4. Reassemble parts and fasten to carburetor.

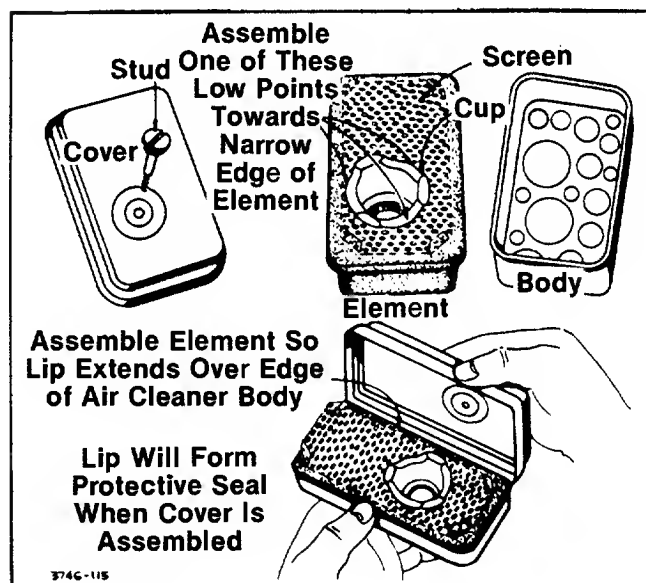
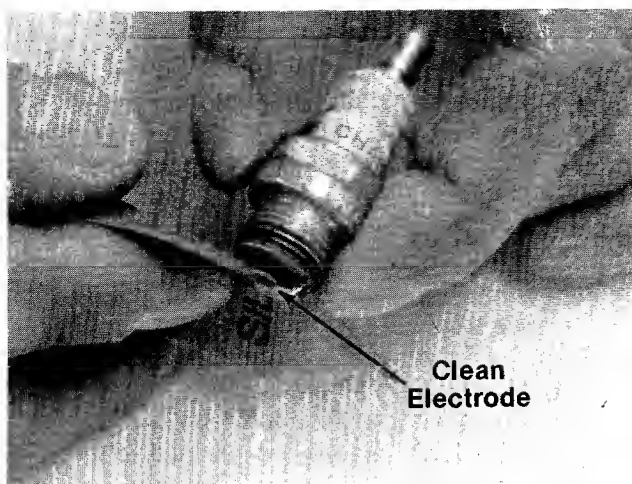


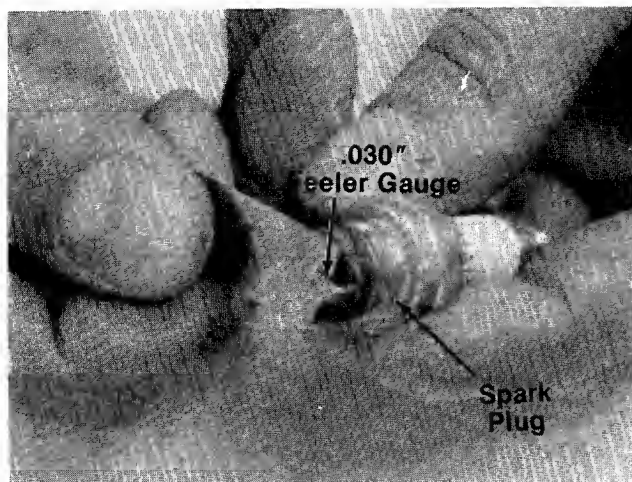
FIGURE 17.

### SPARK PLUG

The spark plug should be cleaned (see figure 18) and the gap reset to a 0.030-inch clearance once a season (see figure 19). Spark plug replacement is recommended at the start of each mowing season; check engine manual for correct plug type.



**FIGURE 18.**



**FIGURE 19.**

### **BELT REPLACEMENT**

Belt replacement may be made as follows:

1. Remove blade spindle cover.
2. Remove front belt guard.
3. Remove blade tension spring.
4. Loosen belt on bracket of idler bearing assembly.
5. Remove bracket lever assembly.
6. Remove damaged or worn belt.
7. Place new belt on engine pulley. Do not bend belt guard pins. Belt should be inside of pins.
8. Work belt to front and mount on blade spindle pulley. Replace front belt guard.
9. Replace brake lever assembly.
10. Slip belt on idler pulley between pulley and belt bracket.
11. Replace blade tension spring.
12. Move blade lockout handle to "ON" position.

13. Position belt bracket on idler pulley to clear the tightened belt. Secure belt bracket in position. See drawing on page 13.
14. Replace blade spindle cover.



### **NOTE**

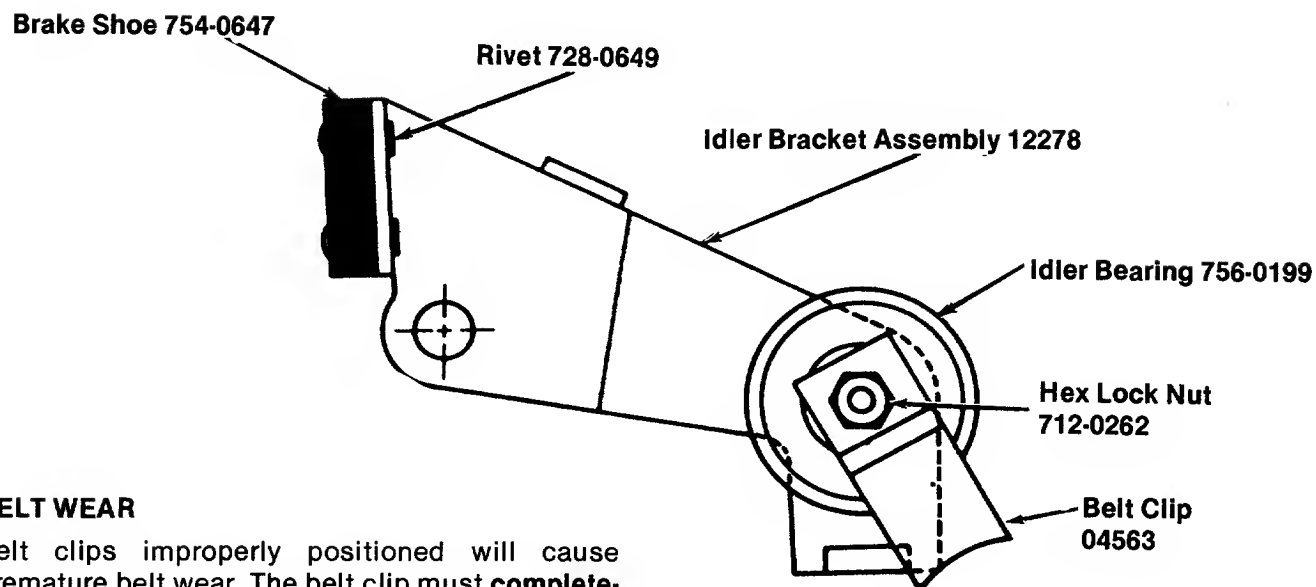
To insure safe operation of your unit, ALL nuts and bolts must be checked periodically for correct tightness.

## **OFF-SEASON STORAGE**

The following steps should be taken to prepare lawn mower for storage.

1. Clean and lubricate mower thoroughly as described in the lubrication instructions.
2. Refer to engine manual for correct engine storage instructions.
3. Coat mower's cutting blade with chassis grease to prevent rusting.
4. Place blocks under deck to raise tires clear of floor.
5. Store mower in a dry, clean area.

## BLADE IDLER BRACKET ASSEMBLY DETAIL



### BELT WEAR

Belt clips improperly positioned will cause premature belt wear. The belt clip must **completely clear the belt** when the belt is tightened. It should also assist in freeing the belt from the blade spindle pulley when the belt is loose. This may be checked by removing the blade spindle cover.

### NOTE

The use of any accessory on this rotary mower other than those manufactured by the mower manufacturer is **not** recommended.

GRASS CATCHER Model 004 is available as optional equipment for the mower shown in this manual.



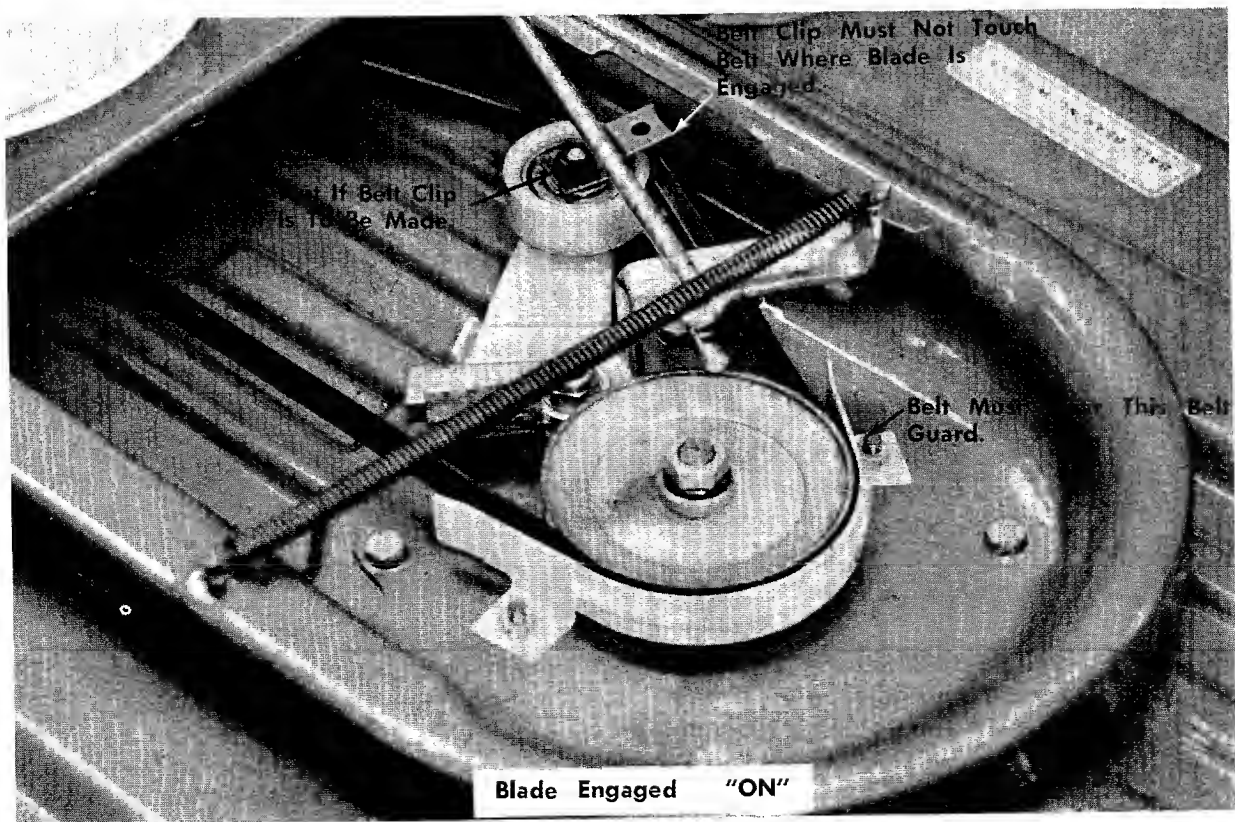
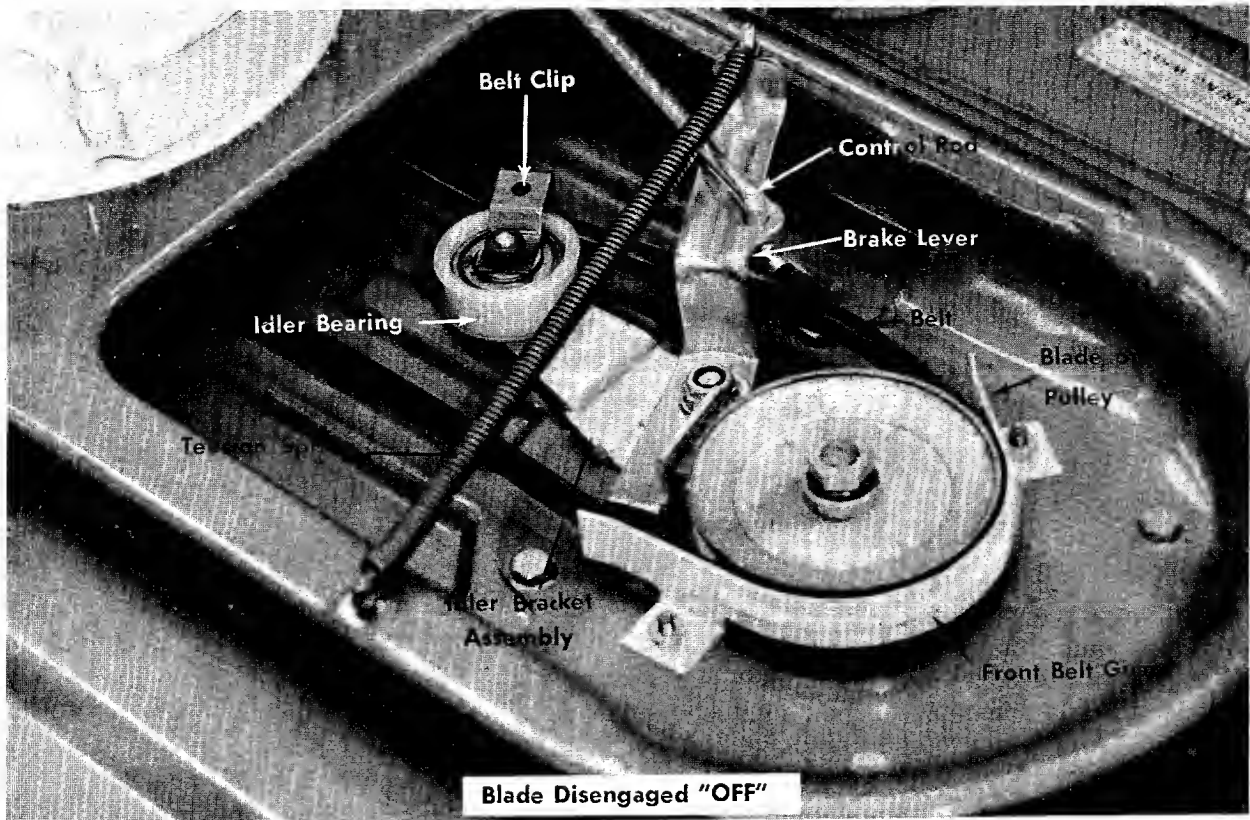
1. The mower should not be operated without the entire grass catcher or chute deflector in place.
2. The mower should not be operated without the protective shield on the rear of the deck in place.

### NOTE

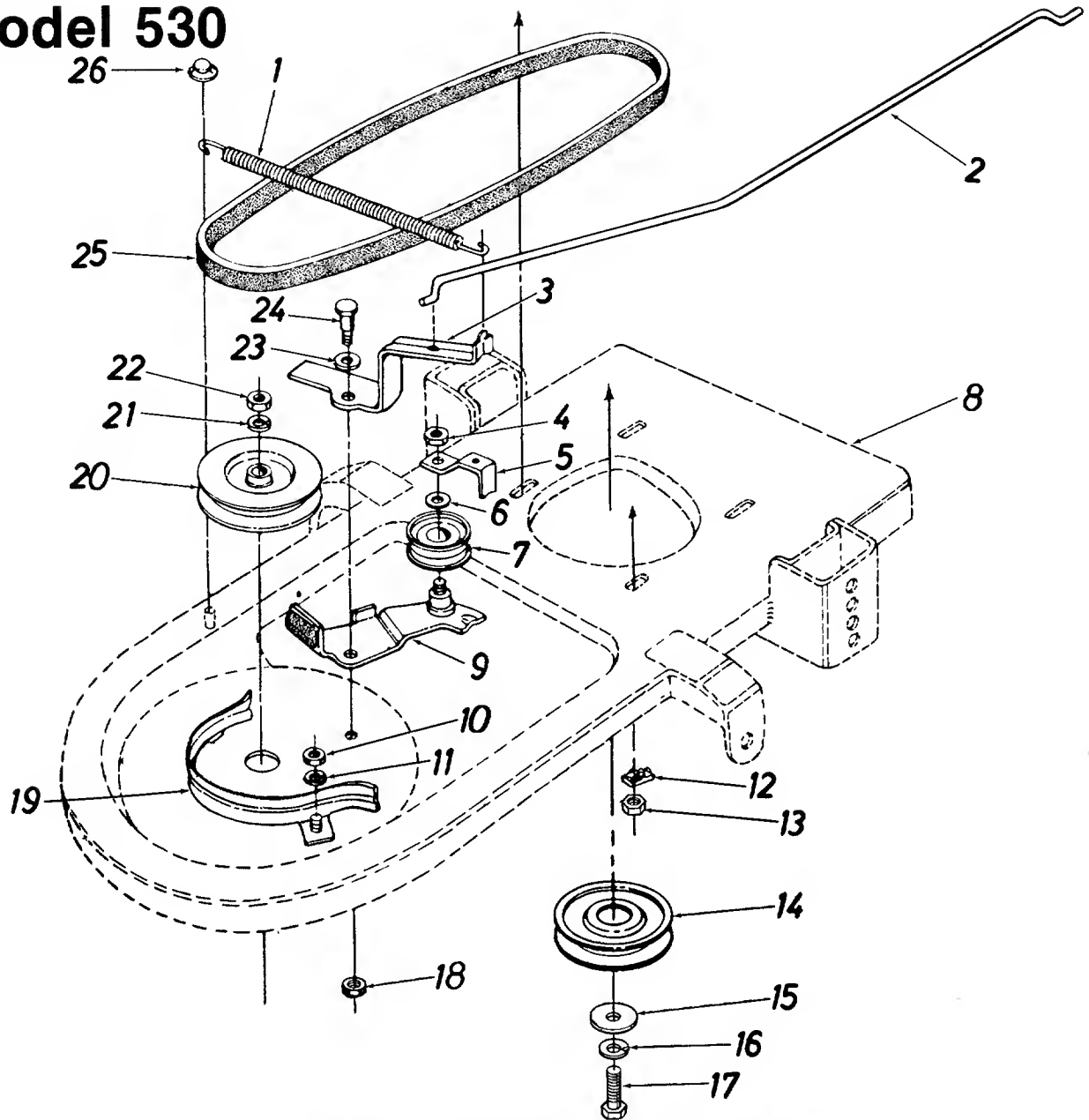
Under normal usage bag material is subject to wear and should be checked periodically. Be sure any replacement bag complies with the mower manufacturer's recommendations.

For replacement bags, use only factory authorized replacement bag No. 764-0176.





# Model 530

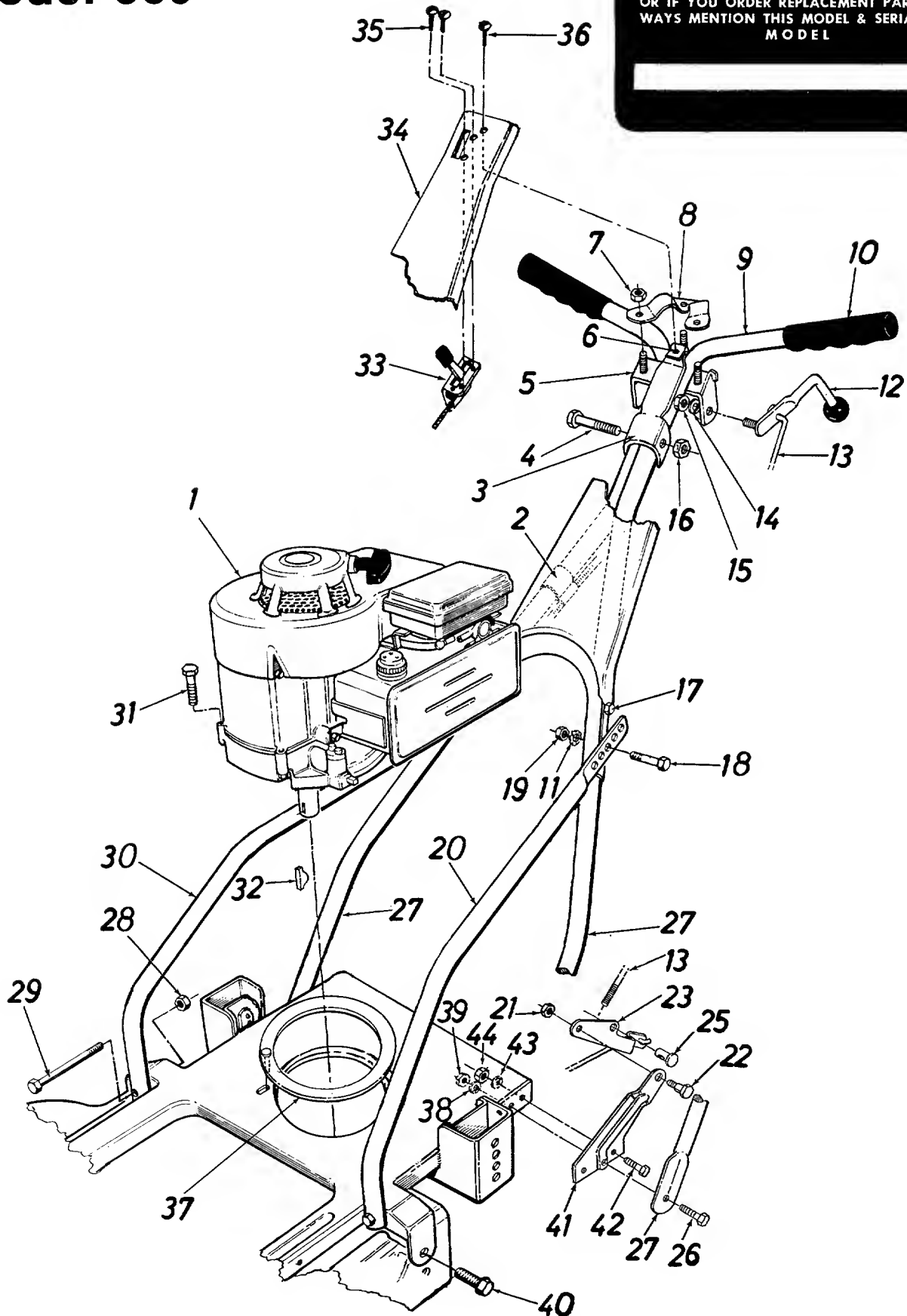


**PARTS LIST FOR MODEL 530 ROTARY MOWER**

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	732-0158		Blade Tension Spring		16	736-0169		L-Wash. 3/8" Scr.*	
2	09373		Control Rod		17	710-0152		Hex Scr. 3/8-24 x 1.00" Lg. H.T.	
3	09371		Brake Lever		18	712-0181		Hex Top L-Nut 3/8-16 Thd.	
4	712-0262		Hex Ins. Jam Nut 3/8-24 Thd.		19	08324	—462	Belt Guard	
5	04563		Belt Clip		20	09925		Sheave Ass'y.—4" Dia. (Blade Spindle)	
6	736-0300		FI-Wash.		21	736-0921		L-Wash. 1/2" Scr.*	
7	756-0199		Flat Idler w/Flange		22	712-0200		Hex Ins. Nut 1/2-20 Thd.	
8	12581	—462	Frame Ass'y.		23	736-0463		FI-Wash. .296 I.D. x .62" O.D. x .059	
9	12278		Idler Brkt. Ass'y. w/Brake Shoe		24	738-0234		Shoulder Bolt .500" Dia. x .295	
10	712-0287		Hex Nut 1/4-20 Thd.*		25	754-0109		"V"-Belt 1/2" x 43" Lg.	
11	736-0329		L-Wash. 1/4" Scr.*		26	726-0111		Push Cap	
12	736-0170		Special L-Wash. 5/16" Scr.						
13	712-0123		Hex Nut 5/16-24 Thd.*						
14	756-0206		Engine Pulley 4.00" O.D.						
15	07386		FI-Wash. .406" I.D. x 1.25" O.D. x .164						

# Model 530

IF YOU WRITE TO US ABOUT THIS ARTICLE  
OR IF YOU ORDER REPLACEMENT PARTS AL-  
WAYS MENTION THIS MODEL & SERIAL NO  
MODEL



# Model 530

## PARTS LIST FOR MODEL 530 ROTARY MOWER

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	—		Engine		25	711-0179		Adjustable Ferrule	
2	726-0188		Cable Tie		26	710-0209		Hex Sems Bolt 3/8-16 x .62" Lg.	
3	07861		Clamp Bracket		27	09362		Lower Handle	
4	710-0136		Hex Bolt 1/4-20 x 1.75" Lg.*		28	712-0107		Hex Center L-Nut 1/4-20 Thd.	
5	08376		Lockout Brkt. Ass'y.		29	710-0102		Hex Bolt 1/4-20 x 2.50" Lg.*	
6	712-0526		Speed Nut #10-24		30	08328		Lower Handle Support—R.H.	
7	712-0107		Hex Center L-Nut 1/4-20 Thd.		31	710-0158		Hex Bolt 5/16-24 x 1.25"	
8	08378		Clamp Bracket		32	714-0365		#6 Hi-Pro Key 5/32 x 5/8 Dia.	
9	09354		Upper Handle (2-Req'd)		33	746-0171		Throttle	
10	720-0157		Grip		34	11815 —462		Control Panel	
11	736-0222		Ext. L-Wash. 1/4" I.D.		35	710-0227		Hex Wash. Hd. AB-Tap Scr. #8 x .38" Lg.	
12	08373		Lockout Lever Ass'y. with Plastic Ball		36	710-0192		Truss Mach. Scr. #10-24 x .38	
13	711-0180		Control Rod		37	08325 —462		Belt Trap Ass'y.	
14	736-0108		FI-Wash. .510 I.D. x .750 O.D.		38	736-0169		L-Wash. 3/8" I.D.*	
15	712-0117		Hex Cent. L-Nut 1/4-28 Thd.		39	712-0798		Hex Nut 3/8-16 Thd.*	
16	712-0107		Hex Center L-Nut 1/4-20 Thd.		40	710-0209		Hex Sems Bolt 3/8-16 x .62" Lg.	
17	710-0106		Hex Bolt 1/4-20 x 1.25" Lg.*		41	12593		Pivot Mounting Bracket	
18	710-0606		Hex Bolt 1/4-20 x 1.50" Lg.*		42	710-0117		Hex Bolt 5/16-24 x 1.00" Lg.—H.T.	
19	712-0107		Hex Center L-Nut 1/4-20 Thd.		43	736-0119		L-Wash 5/16" I.D.*	
20	08327		Lower Handle Support—L.H.		44	712-0123		Hex Nut 5/16-24 Thd.*	
21	712-0181		Hex Top L-Nut 3/8-16 Thd.						
22	738-0234		Shld. Bolt .500" Dia. x .295						
23	09372		Pivot Bracket						
24	710-0412		Hex Bolt 1/4-28 x .75" Lg. Grade 5						

\*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

(462—Red Flake)

When ordering parts, if color or finish is important use the appropriate color code shown above. (e.g. Red Flake Finish—11815 (462).)

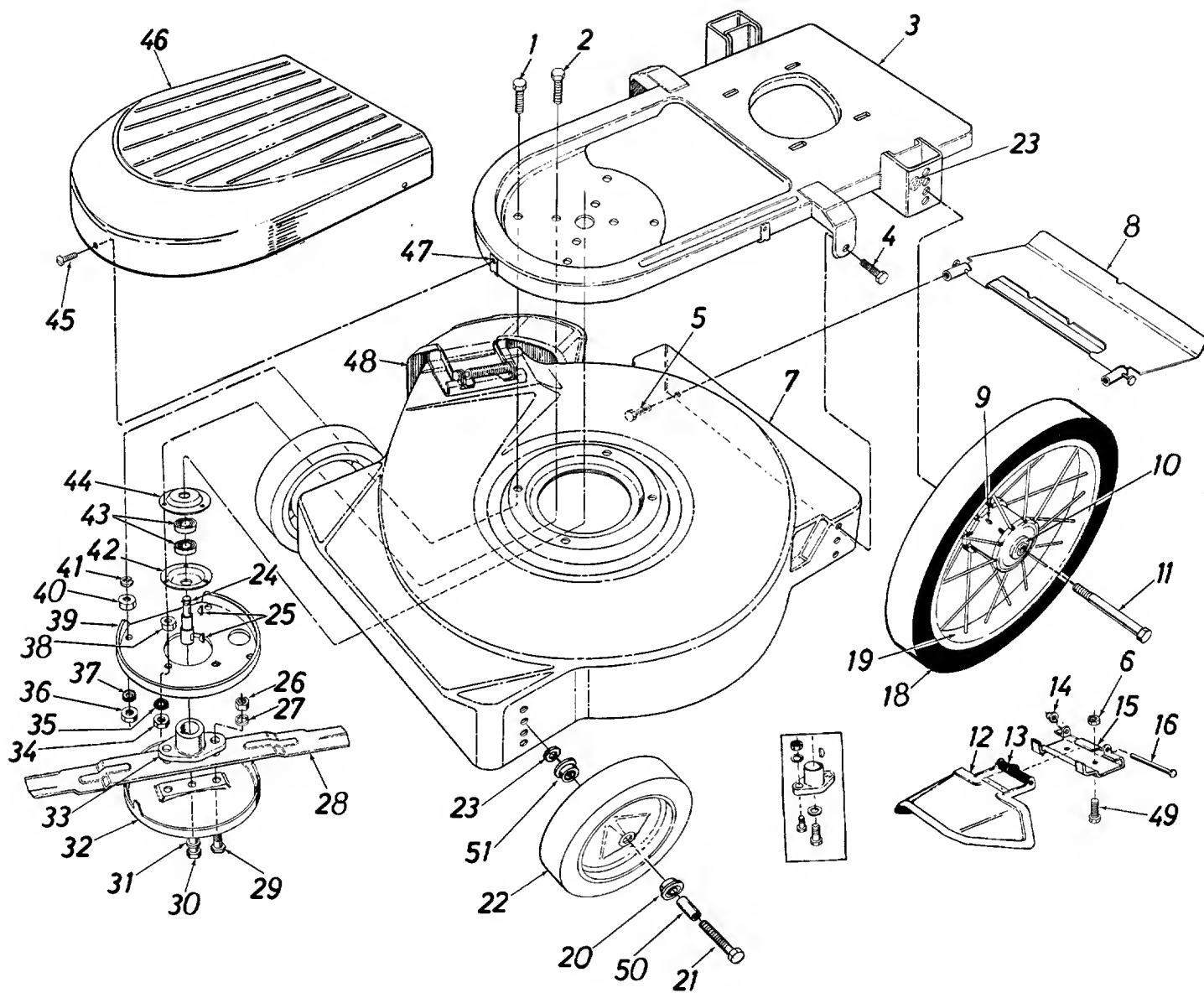
NOTE: The engine is not under warranty by the mower manufacturer . . . If repairs or service is needed on the engine, please contact your nearest authorized engine service outlet. Check the "Yellow Pages" of your telephone book under "Engines—Gasoline."

Find It Fast  
In the  
Yellow Pages



This instruction manual covers various models and all specifications shown do not necessarily apply to your model. Specifications subject to change without notice or obligation.

# Model 530





# Model 530

## PARTS LIST FOR MODEL 530 ROTARY MOWER

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	710-0116		Hex Bolt 5/16-18 x 2.00" Lg.*		25	714-0365		#6 Hi-Pro Key 5/32 x 5/8" Dia.	
2	710-0158		Hex Bolt 5/16-24 x 1.25" Lg.*		26	712-0123		Hex Nut 5/16-18 Thd.*	
3	12581	—462	Frame Ass'y.		27	736-0119		L-Wash. 5/16" Scr.*	
4	710-0209		Hex Sems Bolt 3/8-16 x .62" Lg.*		28	742-0125		22" Blade	
5	710-0567		Hex Sems Bolt 1/4-28 x 5/8" Lg.		29	710-0117		Hex Bolt 5/16-24 x 1.00" H.T.	
6	712-0271		Hex Sems Nut 1/4-20 Thd.		30	710-0459		Hex Bolt 3/8-24 x 1.50" Lg. H.T.	
7	12422	—462	Deck Ass'y.—22 in.		31	736-0217		L-Wash. 3/8" Scr. H.D.	
8	11197		Protective Shield Ass'y.—Comp.		32	07919		Scalp Plate	
9	718-0132		Oil Cap		33	10769		Blade Adapter Kit	
10	741-0113		Ball Brg. .504 I.D. x 1.38 Dia.		34	712-0123		Hex Nut 5/16-24 Thd.*	
11	738-0114		Shoulder Bolt .498" Dia. x 4.755"		35	736-0119		L-Wash. 5/16" Scr.*	
12	11679	—462	Chute Deflector Ass'y.		36	712-0267		Hex Nut 5/16-18 Thd.*	
13	732-0253		Torsion Spring		37	736-0119		L-Wash. 5/16" Scr.*	
14	726-0106		Push Cap		38	712-0123		Hex Nut 5/16-18 Thd.*	
15	11130	—462	Adapter Plate		39	12281		Blade Reinforcement Plate	
16	711-0555		Pivot Pin		40	712-0267		Hex Nut 5/16-18 Thd.*	
17	10769		Blade Adapter Kit		41	736-0119		L-Wash. 5/16" Scr.*	
18	734-0439		16" Rear Wheel Ass'y.—Comp.		42	08253		Bearing Housing	
19	734-0180		16" Rear Wheel—Less Tire		43	741-0919		Ball Bearing	
	734-0392		Semi Pneumatic Tire 16 x 1.75		44	08253		Bearing Housing	
	741-0267		Ball Brg. 3/8" I.D.		45	710-0192		Truss Hd. Mach. Scr. 10-24 x .38 Lg.	
	710-0427		Hex Bolt 3/8-16 x 2.00" Lg.*		46	08295	—452	Blade Spindle Cover	
22	734-0643		Front Wheel Ass'y. Comp.		47	712-0526		Speed Nut #10-24	
23	736-0105		Belleville Washer		48	11679	—462	Chute Deflector Ass'y.—Comp.	
24	738-0251		Blade Spindle		49	710-0289		Hex Bolt 1/4-20 x .50" Lg.*	
					50	750-0434		Spacer	
					51	741-0484		Ball Bearing 1/2" I.D.	

\*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

(462—Red Flake)

When ordering parts, if color or finish is important, use the appropriate color code shown at left. (e.g. Red Flake Finish—11815(462).)

The engine is not under warranty by the mower manufacturer. If repairs or service is needed on the engine, please contact your nearest authorized engine service outlet. Check the "Yellow Pages" of your telephone book under "Engines — Gasoline."



# PARTS INFORMATION

## POWER EQUIPMENT PARTS AND SERVICE

Parts and service for all MTD manufactured power equipment are available through the authorized service firms listed below. All orders should specify the model number of your unit, part numbers, description of parts and the quantity of each part required.

**NOTE:** If any parts are found to be missing or defective upon assembly of this unit, write to advise the factory so that immediate replacement can be made.

<b>ALABAMA</b>	<b>BIRMINGHAM</b>
Auto Electric & Carburetor Co. . . . .	2625 4th Ave. S. . . . .35233
<b>ARKANSAS</b>	<b>FORT SMITH</b>
Mity Mite Motors, Inc. . . . .	4515 S. 16th St. . . . .72901
	<b>NORTH LITTLE ROCK</b>
Sutton's Lawn Mower Shop . . . . .	Rt. 4, Box 368 . . . . .72117
<b>CALIFORNIA</b>	<b>PORTERVILLE</b>
Billious . . . . .	75 North D Street . . . . .93257
<b>COLORADO</b>	<b>DENVER</b>
Spitzer Industrial Products Co. . . . .	6601 N. Washington St., Box 29114 . . . . .80229
<b>FLORIDA</b>	<b>JACKSONVILLE</b>
Radco Distributors . . . . .	4909 Victor St., Box 5459 . . . . .32207
	<b>OPA LOCKA</b>
Small Eng. Dist. . . . .	2351 N.W. 147th St. . . . .33054
<b>GEORGIA</b>	<b>EAST POINT</b>
East Point Cycle & Key . . . . .	2834 Church St. . . . .30344
<b>ILLINOIS</b>	<b>LYONS</b>
Keen Edge Co. . . . .	8615 Ogden Ave. . . . .60534
<b>INDIANA</b>	<b>ELKHART</b>
Parts & Sales Inc. . . . .	2101 Industrial Pkwy. . . . .46514
<b>IOWA</b>	<b>DUBUQUE</b>
Power Lawn & Garden Equip. . . . .	2551 J.F. Kennedy . . . . .52001
<b>LOUISIANA</b>	<b>NEW ORLEANS</b>
Suhren Engine Co. . . . .	8330 Earhart Blvd. . . . .70118
<b>MARYLAND</b>	<b>TAKOMA PARK</b>
Center Supply Co. . . . .	6867 New Hampshire Ave. . . . .20012
<b>MASSACHUSETTS</b>	<b>SPRINGFIELD</b>
Morton B. Collins Co. . . . .	300 Birnie Ave. . . . .01107
<b>MICHIGAN</b>	<b>LANSING</b>
Lorenz Service Co. . . . .	2500 S. Pennsylvania . . . . .48910
	<b>MOUNT CLEMENS</b>
Power Equipment Dist. . . . .	340 Hubbard . . . . .48043
<b>MINNESOTA</b>	<b>HOPKINS</b>
Hance Distributing Inc. . . . .	420 Excelsior Ave. W. . . . .55343
<b>MISSISSIPPI</b>	<b>BILOXI</b>
Biloxi Sales & Service, Inc. . . . .	506 Caillavet St. . . . .39533
<b>MISSOURI</b>	<b>KANSAS CITY</b>
Automotive Equip. Service . . . . .	3117 Holmes St. . . . .64109
	<b>ST. JOSEPH</b>
Ross-Frazier Supply Co. . . . .	8th and Monterey . . . . .64503
	<b>ST. LOUIS</b>
Henzler, Inc. . . . .	2015 Lemay Ferry Rd. . . . .63125
<b>NEW JERSEY</b>	<b>BELLMAWR</b>
Lawnmower Parts Inc. . . . .	717 Creek Rd. . . . .08030
<b>NEW MEXICO</b>	<b>ALBUQUERQUE</b>
Spitzer Eng. & Parts . . . . .	1023 Third St. N.W. . . . .87103
<b>NEW YORK</b>	<b>CARTHAGE</b>
Gamble Dist., Inc. . . . .	West End Ave. . . . .13619

## BRIGGS AND STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

Briggs & Stratton, Tecumseh and Peerless parts and serv. should be handled by your nearest authorized engine service firm. Check the yellow pages of your telephone directory under the listing **Engines—Gasoline**, Briggs & Stratton or Tecumseh Lauson.

<b>NORTH CAROLINA</b>	<b>GOLDSBORO</b>
Smith Hardware Co. . . . .	515 N. George St. . . . .27530
	<b>GREENSBORO</b>
Dixie Sales Company . . . . .	335 N. Green . . . . .27402
<b>OHIO</b>	<b>CARROLL</b>
Stebe's Mid-State Mower Supply . . . . .	71 High St., Box 366 . . . . .43112
	<b>CLEVELAND</b>
Bleckrie, Inc. . . . .	7900 Lorain Ave. . . . .44102
	<b>WADSWORTH</b>
National Central . . . . .	687 Seville Rd. . . . .44281
	<b>YOUNGSTOWN</b>
Burton Supply Co. . . . .	1301 Logan Ave., Box 929 . . . . .44501
<b>OKLAHOMA</b>	<b>MUSKOGEE</b>
Victory Motors, Inc. . . . .	605 S. Cherokee . . . . .74401
<b>OREGON</b>	<b>PORTLAND</b>
Kenton Supply Co. . . . .	8216 N. Denver Ave. . . . .97217
<b>PENNSYLVANIA</b>	<b>HARRISBURG</b>
EECO Inc. . . . .	4021 N. 6th St. . . . .17110
	<b>PHILADELPHIA</b>
Thompson Rubber Co. . . . .	5222-24 N. Fifth St. . . . .19120
	<b>PITTSBURGH</b>
Bluemont Co. . . . .	11125 Frankstown Rd. . . . .15235
	<b>PUNXSUTAWNEY</b>
Frank Roberts & Sons . . . . .	R.D. 2 . . . . .15767
<b>TENNESSEE</b>	<b>KNOXVILLE</b>
Master Repair Service . . . . .	2000 Western Ave. . . . .379
	<b>MEMPHIS</b>
American Sales & Service, Inc. . . . .	3035-43 Bellbrook . . . . .38110
<b>TEXAS</b>	<b>DALLAS</b>
Marr Brothers, Inc. . . . .	423 E. Jefferson . . . . .75203
	<b>FORT WORTH</b>
Woodson Sales Corp. . . . .	1702 N. Sylvania . . . . .76111
	<b>HOUSTON</b>
Bullard Supply Co. . . . .	2409 Commerce St. . . . .77003
<b>UTAH</b>	<b>SALT LAKE CITY</b>
A-1 Engine & Mower Co. . . . .	437 E. 9th St. . . . .84111
<b>VERMONT</b>	<b>BURLINGTON</b>
Vermont Hdwe. Co. Inc. . . . .	180 Flynn Ave. . . . .05401
<b>VIRGINIA</b>	<b>ASHLAND</b>
RBI Corp. . . . .	Lake Ridge Park, 101 Cedar Run Dr. . . . .23005
<b>WASHINGTON</b>	<b>SEATTLE</b>
Bailey's Inc. . . . .	1414 14th Ave. . . . .98102
<b>WEST VIRGINIA</b>	<b>CHARLESTON</b>
Young's, Inc. . . . .	233 Virginia St., E. . . . .25301
<b>WISCONSIN</b>	<b>MARSHFIELD</b>
Power Pac . . . . .	301 E. 29th St. . . . .54449

## WARRANTY PARTS AND SERVICE POLICY

The purpose of warranty is to protect the customer from defects in workmanship and materials, defects which are NOT detected at the time of manufacture. It does not provide for the unlimited and unrestricted replacement of parts. Use and maintenance are the responsibility of the customer. The manufacturer cannot assume responsibility for conditions over which it has no control. Simply put, if it's the manufacturer's fault, it's the manufacturer's responsibility; if it's the customer's fault, it's the customer's responsibility.

### CLAIMS AGAINST THE MANUFACTURER'S WARRANTY INCLUDES:

1. Replacement of Missing Parts on new equipment.
2. Replacement of Defective Parts within the warranty period.
3. Repair of Defects within the warranty period.

All claims MUST be substantiated with the following information:

1. Model Number of unit involved.
2. Date unit was purchased or first put into service.
3. Date of failure.
4. Nature of failure.